

WHAT WE CLAIM

1. An image forming apparatus comprising image forming stations for respective colors arranged along a transfer belt, each said image forming station including an image carrier, 5 a charging means and a developing means disposed around said image carrier, wherein said transfer belt is arranged obliquely, and an electrical component box in which power sources and control circuits are housed is arranged below or above said transfer belt.
- 10 2. An image forming apparatus as claimed in claim 1, wherein array-type writing heads are arranged around the image carriers, respectively so that a latent image is formed onto each said image carrier by each said array-type writing head.
- 15 3. An image forming apparatus as claimed in claim 1, further comprising a housing body in which said image forming stations and said transfer belt are arranged and a frame which is attached to said housing body such that the frame is pivotally movable, wherein a transfer belt unit and an image carrier unit, or a transfer belt unit, an image carrier unit, 20 and the developing means are attached to said frame.
4. An image forming apparatus as claimed in claim 3, wherein pivot shafts of said frame are provided at both sides of the housing body.
- 25 5. An image forming apparatus as claimed in claim 3, wherein pivot shafts of said frame are provided at a lateral side of the housing body.
6. An image forming apparatus as claimed in claim 1,

wherein said transfer belt is a paper carrying belt.

7. An image forming apparatus as claimed in claim 1,
wherein said transfer belt is an intermediate transfer belt.

8. An image forming apparatus as claimed in claim 7,
5 wherein the image carriers of the respective image forming
stations are arranged in contact with a belt face, of which
traveling direction is downward, of said intermediate
transfer belt.

9. An image forming apparatus comprising image forming
10 stations for respective colors arranged along a transfer belt,
each said image forming station including an image carrier,
a charging means, an array-type writing head as an image
writing means, and a developing means disposed around said
image carrier, wherein said transfer belt is arranged
15 obliquely, and a driving circuit for said array-type writing
heads is arranged below or above said transfer belt.

10. An image forming apparatus as claimed in claim 9,
further comprising a housing body in which said image forming
stations and said transfer belt are arranged and a frame which
20 is attached to said housing body such that the frame is
pivotally movable, wherein a transfer belt unit and an image
carrier unit, or a transfer belt unit, an image carrier unit,
and the developing means are attached to said frame.

11. An image forming apparatus as claimed in claim 10,
25 wherein said array-type writing head and the driving circuit
are detachably connected to each other via a connector.

12. An image forming apparatus as claimed in claim 11,
wherein pivot shafts of said frame are provided at both sides

of the housing body.

13. An image forming apparatus as claimed in claim 11, wherein pivot shafts of said frame are provided at a lateral side of the housing body.

5 14. An image forming apparatus as claimed in claim 9, wherein said transfer belt is a paper carrying belt.

15. An image forming apparatus as claimed in claim 9, wherein said transfer belt is an intermediate transfer belt.

10 16. An image forming apparatus as claimed in claim 15, wherein the image carriers of the respective image forming stations are arranged in contact with a belt face, of which traveling direction is downward, of said intermediate transfer belt.

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